



September 18, 2000

The Performance Track Information Center C/o Industrial Economics Incorporated 2067 Massachusetts Avenue Cambridge, MA 02140

Enclosed is our completed application for charter membership in the U. S. Environmental Protection Agency's (EPA) National Environmental Achievement Track. We are very proud of the superior environmental performance achieved by the Androscoggin mill and look forward to working with EPA in the future towards stewardship track status.

The Androscoggin mill began a collaborative approach to superior environmental performance with participation in EPA Region 1's Star Track Program in 1996. The success of Star Track led us to EPA's XL program with two (2) XL projects under way at our facility as of today and the hope of more in the future. We believe that these programs have resulted in exceptional environmental performance at our mill while at the same time improving profitability through waste reduction and conservation of pulp and paper making chemicals.

Please feel free to call me at any time at (207)897-1389 if you have any questions or would like any additional support material.

Sincerely.

Stephen W. Groves

Manager EHS



## National Environmental Achievement Track

## Application Form

ANDROSCOGGIN MILL
Name of facility
INTERNATIONAL PAPER
Name of parent company (if any)
RILEY ROAD
street address
Street address (continued)
JAY, ME 04239
City/State/Zip code

Give us information about your contact person for the National Environmental Achievement Track Program.

Name STEPHEN W. GROVES

**ENVIRONMENTAL, HYGIENE & SAFETY MANAGER** 

Phone (207)897-1389

(207)897-1783

E-mail steve.groves@ipaper.com

EPA needs background information on your facility to evaluate your application.

#### What do you need to do?

- · Provide background information on your facili-
- Identify your environmental requirements.

,,,,,,		-			
		4			A
. 8	411	MA	6 1	$y_H$	
		20	34	U	4 1

Tell us about your facility.

1	What do you do or make at your facility?	1400 TONS PER DAY OF COATED AND UNCOATED PRINTING PAPER
2	List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.	SIC 2611 and 2621 NAICS
3	Does your company meet the Small Business Administration definition of a small business for your sector?	☐ Yes
4	How many employees (full-time equivalents) currently work at your facility?	<ul> <li>☐ Fewer than 50</li> <li>☐ 50-99</li> <li>☐ 100-499</li> <li>☐ 500-1,000</li> <li>☑ More than 1,000</li> </ul>

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

#### What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions I and 2.



Tell us about your past achievements and future commitments.

1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

**Note to small facilities:** If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

#### First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?				level?
TOXIC USE REDUCTION ACT MRSA TITLE 38 SEC 2302 (Chlorine, Sulfuric Acid, Ammonia)	Quantity 39.1 million	Units pounds	Quantity 28.4 million	Units pounds	

i. How is the current level an improvement over the previous level?

WE ACHIEVED AN OVERALL 27.3% REDUCTION IN CHEMICALS WHICH ARE REPORTED UNDER MRSA 38 SECTION 2302 AND ARE USED IN MANUFACTURE OF PAPER AT THIS MILL.

ii. How did you achieve this improvement?

THIS IMPROVEMENT WAS ACHIEVED BY ELIMINATING ALL USE OF CHLORINE AND AMMONIA AT THE MILL THROUGH SUBSTITUTION OF OTHER CHEMICALS SUCH AS UREA, SULFURIC ACID AND SODIUM CHLORATE.

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

# Section B Tell us about your EMS.

#### What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1	Check <b>yes</b> if your EMS meets the requirements for each element below as defined in the instructions.	
	a. Environmental policy	
	b. Planning	
	C. Implementation and operation	
	$\emph{d}$ . Checking and corrective action	∑ Yes
	e. Management review	∑ Yes
2	Have you completed at least one EMS cycle (plan-do-check-act)?	
3	Did this cycle include both an EMS and a compliance audit?	
4	Have you completed an objective self-assessment or third-party assessment of your EMS?	
	If yes, what method of EMS assessment did you use?	Self-assessment
		GEMI Other
		☐ CEMP
		☐ Third-party assessment
		☐ ISO 14001 Certification
		Other
		GAP ANALYSIS FOR ISO 14001 CERTIFICATION IN CONJUNCTION WITH STAR TRACK EPA REGION I AUDIT.

## Section A, continued

5	Does your facility have an EPA ID number(s)?  If yes, list in the right-hand column.	Yes  MED985466366  MED001095470 04239 NTRNT F MER05A031	
6	Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right <b>or</b> enclose a completed Checklist with your application.		
7	Check the appropriate box in the right-hand column.		requirements above. the Checklist with my application.
8	Optional: Is there anything else you would like to tell us about your facility?		LY INTEGRATED AND ERS ALL PULP FOR PAPER MAKING ON

Second aspect you've selected

What aspect have you selected?	What was the prev (2 years ago)?	What was the previous level (2 years ago)?		1 I		t level?
Solid Waste	Quantity 35.8	Units Yd3/100Ton of Product	Quantity 26.4	Units Yd3/100Ton of Product		
i. How is the current level a previous level?	i. How is the current level an improvement over the previous level?					
WE ACHIEVED A 26% RI	EDUCTION IN THE A	UCTION IN THE AMOUNT OF SOLID		).		
ii. How did you achieve this	improvement?					
DECREASED FIBER LOSS TREATMENT PLANT SLU WASTE PAPER AND USE RECYCLING OF COMPU	IDGE FOR FUEL SOUF D AS FUEL IN WASTE	RCE IN THE WASTE FUEL INCINERATO	FUEL INCINERATO	R. PELLETIZED		

2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

**Note to small facilities:** If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

#### First aspect you've selected

a. What is the aspect?

WASTE

**TOTAL SOLID WASTE** 

b. Is this aspect identified as significant in your EMS?

Yes No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

Option A:
Absolute value

Option B: In terms of units of production or output (Quantity/Units)

26.4 Yd3/100 TON OF PRODUCT (Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value Option B: In terms of units of production or output	(Quantity/Units)  9.8 Yd3/100Ton of Product (Quantity/Units)		
e. How will you achieve this improvement?	ARE LANDFILLED FOR MA ASHCRETE IS A SUBSTITU AS GRAVEL AND FLOWAI	EPARATION AND INCREASE		
Second aspect you've selected				
a. What is the aspect?	DISCHARGES TO WATER			
	DISCHARGES OF TOXICS TO WATER			
		E REGULATED POLLUTANT AND INCLUDED IN OUR EPA EMENT		
b. Is this aspect identified as significant in your EMS?	Yes □ No			
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value  Option B: In terms of units of production or output	(Quantity/Units) 100 LBS/UBTON PULP (Quantity/Units)		
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value  Option B: In terms of units of production or output	(Quantity/Units) 25 lbs/UBTON PULP (Quantity/Units)		
e. How will you achieve this improvement?		NGES THAT WILL REDUCE ULPING LIQUORS TO THE		

I hird aspect you've selected				
a. What is the aspect?	DISCHARGES TO WATER			
	CHEMICAL OXYGEN DEMA REGULATED; HOWEVER, A BE INCLUDED IN OUR NEX COD WILL THEN BE PART	COD EFFLUENT LIMIT WILL T NPDES PERMIT AND		
b. Is this aspect identified as significant in your EMS?	☐ Yes 🛛 No			
c. What is the current level? You may choose to state this as an absolute value or in terms of units of	Option A: Absolute value	(0)		
production or output.	Option B: In terms of units of production or output	(Quantity/Units) 51 kg/kkg UBTON PULP (Quantity/Units)		
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of	Option A: Absolute value	(Quantity/Units)		
production or output.	Option B: In terms of units of production or output	25 kg/kkg (Quantity/Units)		
e. How will you achieve this improvement?	THROUGH IMPLEMENTATION OF THE MILL'S ENVIRONMENTAL PROTECTION AGENCY XL-2 PROJECT, WE WILL MAKE PROCESS CHANGES THAWILL RECYCLE SPENT PULPING LIQUORS BACK TO THE PROCESS AND ELIMINATE THE DISCHARGE OTHOSE LIQUORS TO THE SEWER.			
Fourth aspect you've selected				
a. What is the aspect?	WASTE			
	HAZARDOUS SOLID WAST	E		
b. Is this aspect identified as significant in your EMS?	Yes □ No			
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value	9800 LBS. (Quantity/Units)		
production of output.	Option B: In terms of units of production or output	(Quantity/Units)		
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of	Option A: Absolute value	3300 LBS. (Quantity/Units)		
production or output.	Option B: In terms of units of production or output	(Quantity/Units)		

e. How will you achieve this improvement?

THROUGH SUBSTITUTION OF LOW MERCURY FLUORESCENT LIGHTBULBS FOR OUR EXISTING BULBS AND INITIATION OF CONTRACTOR HAZARDOUS WASTE EDUCATION PROGRAMS.

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.



Tell us about your public outreach and reporting.

#### What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.
- 1 How do you identify and respond to community concerns?

THROUGH REGULARLY SCHEDULED MEETINGS (1/6 WEEKS) OF OUR PUBLIC ADVISORY COMMITTEE. THE COMMITTEE MEMBERSHIP INCLUDES ENVIRONMENTAL GROUPS, AREA GROUPS AND A LOCAL PLANNING BOARD MEMBER.

2 How do you inform community members of important matters that affect them?

PUBLIC MEETINGS/NOTICES IN NEWSPAPER/PLANNING BOARD MEETINGS/NEWSPAPER ARTICLES.

3 How will you make the Achievement Track Annual Performance Report available to the public?

Open Houses

○ Other

**PUBLIC ADVISORY COMMITTEE MEETINGS** 

4 Are there any ongoing citizen suits against your facility?	☐ Yes	⊠ No	
If yes, describe briefly in the right-hand column.			

#### 5 List references below

	Organization	Name	Phone number
Representative of a Community/ Citizen Group	APPALACHIAN MOUNTAIN CLUB	KEN KIMBALL	(603)466-2721,x199
	UNIVERSITY OF MAINE	ADRIAAN VANHENINGEN JOSEPH GENCO	(207)581-2278 (207)581-2284
	PUBLIC ADVISORY COMMITTEE	DEBORAH BURD	(207)778-7274
State/Local Regulator	COMMISSIONER, MAINE DEP, ENV. PROTECTION	MARTHA KIRKPATRICK	(207)287-2812
Other community/local reference	ENFORCEMENT OFFICER	SHILOH RING	(207)897-6785



Participation Statement,

On behalf of International Paper Company's Androscoggin Mill

[my facility],

certify that

I have read and agree to the terms and conditions, as specified in the National Environmental Achievement Track Program Description and in the Application Instructions;

I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;

My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;

My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;

Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title MICHAEL CRAFT/MILL MANIAGER

Facility Name INTERNATIONAL PAPER'S ANDROSCOGGIN MILL

Facility Street Address RILEY ROAD, JAY, MAINE 04239

Facility ID Numbers MED985466366

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center c/o Industrial Economics Incorporated 2067 Massachusetts Avenue Cambridge, MA 02140

#### **National Environmental Achievement Track**

## **Environmental Requirements Checklist**

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

International Paper (Updated 8/22/00)

Androscoggin Mill

MED985466366

if necessary) Check All **Air Pollution Regulations** That Apply 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61) 2. Permits and Registration of Air Pollution Sources 3. General Emission Standards, Prohibitions and Restrictions 4. Control of Incinerators 5. Process Industry Emission Standards 6. Control of Fuel Burning Equipment 7. Control of VOCs 8. Sampling, Testing and Reporting 9. Visible Emissions Standards 10. Control of Fugitive Dust 11. Toxic Air Pollutants Control 12. Vehicle Emissions Inspections and Testing Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above (identify) 13. Town of Jay Environmental Ordinance 14. Maine TRS Regulations **Hazardous Waste Management Regulations** 1. Identification and Listing of Hazardous Waste (40 CFR 261) - Characteristic Waste

- Listed Waste

**Facility Name** 

**Facility Location:** 

Facility ID Number(s):

(attach additional sheets

2.	Standards Applicable to Generators of Hazardous Waste (40 CFR 262)	
	- Manifesting	ΙXΙ
	- Pre-transport requirements	Ħ
	- Record keeping/reporting	Ħ
3.	Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)	
	- Transfer facility requirements	$\square$
	- Manifest system and record-keeping	Ħ
	- Hazardous waste discharges	Ħ
4.	Standards for Owners and Operators of TSD Facilities (40 CFR 264)	K
	- General facility standards	M
	- Preparedness and prevention	Ħ
	- Contingency plan and emergency procedures	Ħ
	- Manifest system, Record keeping and reporting	Ħ
	- Groundwater protection	Ħ
	- Financial requirements	Ħ
	- Use and management of containers	Ħ
	- Tanks	Ħ
	- Waste piles	Ħ
	- Land treatment	岗
	- Incinerators	
5.	Interim Status Standards for TSD Owners and Operators (40 CFR 265)	Ħ
6.	Interim Standards for Owners and Operators of New Hazardous Waste Land	岗
•	Disposal Facilities (40 CFR 267)	
7.	Administered Permit Program (Part B) (40 CFR 270)	$\boxtimes$
	1 that I of the I of	
	Other Federal, State, Tribal or Local Hazardous Waste Management Regu	lations Not
	Listed Above (identify)	
8.	Maine Beneficial Reuse Regulations	$\boxtimes$
	•	
9.	Maine Hazardous Waste Regulations	$\boxtimes$
	C	<u> </u>
Haza	ardous Materials Management	
1.	Control of Pollution by Oil and Hazardous Substances (33 CFR 153)	
2.	Designation of Reportable Quantities and Notification of Hazardous	
	Materials Spill (40 CFR 302)	
3.	Hazardous Materials Transportation Regulations (49 CFR 172-173)	$\boxtimes$
4.	Worker Right-to-Know Regulations (29 CFR 1910.1200)	Ħ
5.	Community Right-to-Know Regulations (40 CFR 350-372)	Ħ
	Other Federal, State, Tribal or Local Hazardous Materials Management R	egulations
	Not Listed Above (identify)	7
6.		
7.		

<u>Soli</u>	d Waste Management	
	Criteria for Classification of Solid Waste Disposal Facilities and Practices	$\boxtimes$
	(40 CFR 257)	
2.	Permit Requirements for Solid Waste Disposal Facilities	$\boxtimes$
3.	Installation of Systems of Refuse Disposal	Ħ
4.		岗
5.	Disposal Requirements for Special Wastes	
	Other Federal, State, Tribal or Local Solid Waste Management Regulation	ns Not
	Listed Above (identify)	
6.		$\boxtimes$
7.	Town of Jay Environmental Control & Improvement Ordinance	$\boxtimes$
Wat	er Pollution Control Requirements	
1.	Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)	$\bowtie$
2.	0	$\overline{\boxtimes}$
3.	Determination of Reportable Quantities for Hazardous Substances (40 CFR	
_	117)	
	NPDES Permit Requirements (40 CFR 122)	
5.	Toxic Pollutant Effluent Standards (40 CFR 129)	$\boxtimes$
6.	General Pretreatment Regulations for Existing and New Sources (40 CFR 403)	
7.	Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)	
8.	Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and	
	Standards (40 CFR 415)	
9.	Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)	
10.	·	$\square$
11.		Ħ
	Permit Monitoring/Reporting Requirements	Ħ
13.		H
	Industrial Wastewater Plants	
14.	Collection, Handling, Processing of Sewage Sludge	
15.	Oil Discharge Containment, Control and Cleanup	冒
16.	Standards Applicable to Indirect Discharges (Pretreatment)	
	Other Federal, State, Tribal or Local Water Pollution Control Regulation Above (identify)	s Not Listed
17.	Maine Color; Dioxin Discharge Requirements	$\square$
18.	Town of Jay Wastewater - Environmental Ordinance	Ħ

<u>Dri</u>	nking Water Regulations	
	Underground Injection and Control Regulations, Crieria and Standards (40	
	CFR 144, 146)	
2.	National Primary Drinking Water Standards (40 CFR 141)	
3.	Community Water Systems, Monitoring and Reporting Requirements (40	
	CFR 141)	
4.	Permit Requirements for Appropriation/Use of Water from Surface or	
	Subsurface Sources	
5.	Underground Injection Control Requirements	
6.	Monitoring, Reporting and Record keeping Requirements for Community	
	Water Systems	
	Other Federal, State, Tribal or Local Drinking Water Regulations Not Liste	d
	Above(identify)	•
7.	•	
8.		
Tox	ic Substances	
1.	Manufacture and Import of Chemicals, Record keeping and Reporting	
*	Requirements (40 CFR 704)	
2.	Import and Export of Chemicals (40 CFR 707)	
3.	Chemical Substances Inventory Reporting Requirements (40 CFR 710)	П
4.	Chemical Information Rules (40 CFR 712)	
5.	Health and Safety Data Reporting (40 CFR 716)	
6.	Pre-Manufacture Notifications (40 CFR 720)	
7.	PCB Distribution Use, Storage and Disposal (40 CFR 761)	$\overline{\boxtimes}$
8.	Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)	
9.	Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)	
	Other Federal, State, Tribal or Local Toxic Substances Regulations Not List	ed Above
	(identify)	
10.		
11.		
<u>Pest</u>	icide Regulations	
1.	FIFRA Pesticide Use Classification (40 CFR 162)	$\boxtimes$
2.	Procedures for Disposal and Storage of Pesticides and Containers (40 CFR	$\boxtimes$
	165)	
3.	Certification of Pesticide Applications (40 CFR 171)	$\boxtimes$
4.	Pesticide Licensing Requirements	
5.	Labeling of Pesticides	$\boxtimes$
6.	Pesticide Sales, Permits, Records, Application and Disposal Requirements	$\boxtimes$
7.	Disposal of Pesticide Containers	$\boxtimes$
8.	Restricted Use and Prohibited Pesticides	$\boxtimes$

Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (identify)

9. 10.

#### Environmental Clean-Up, Restoration, Corrective Action

- 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (identify)
- 2. RCRA Corrective Action (identify)

Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration, Corrective Action Regulations Not Listed Above (identify)

- 3.
- 4.